International Application No PCT/EP2004/003921

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/10 C12N C12N15/66 C12P19/34 C12Q1/68 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C12N C12P C12Q IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BIOSIS, WPI Data, PAJ, CAB Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. HAI-BAO CHEN ET AL: "A NEW METHOD FOR THE 1-4,10, X 15,16 SYNTHESIS OF A STRUCTURAL GENE" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 18, no. 4, 25 February 1990 (1990-02-25), pages 871-878, XP000099685 ISSN: 0305-1048 figure 1 X WO 97/42330 A (APOLLON INC) 1-4,1013 November 1997 (1997-11-13) 22 page 7, line 19 - page 9, line 36; figures 1-6 1-4.10.WO 00/29616 A (PERKIN ELMER CORP) 25 May 2000 (2000-05-25) 15,16 claims 1-22; figures 1-6 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but *A* document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention 'E' earlier document but published on or after the international *X* document of particular retevance; the claimed invention cannot be considered novel or cannot be considered to filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled document published prior to the international filing date but *&* document member of the same patent family later than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 08/11/2004 26 October 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Hornig, H

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